

Jianzhong Shen

List of Publications by Year in descending order

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Version: 2024-02-01

255
papers

15,592
citations

39113

52
h-index

25983

112
g-index

261
all docs

261
docs citations

261
times ranked

12866
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence and risk factors of mcr-1-positive volunteers after colistin banning as animal growth promoter in China: a community-based case-control study. <i>Clinical Microbiology and Infection</i> , 2022, 28, 267-272.	2.8	11
2	Highly efficient and precise two-step cell selection method for tetramethylenedisulfotetramine-specific monoclonal antibody production. <i>Journal of Hazardous Materials</i> , 2022, 424, 127689.	6.5	5
3	Adsorption and convenient ELISA detection of sulfamethazine in milk based on MOFs pretreatment. <i>Food Chemistry</i> , 2022, 374, 131712.	4.2	15
4	Comparison of two fluorescence quantitative immunochromatographic assays for the detection of amantadine in chicken muscle. <i>Food Chemistry</i> , 2022, 377, 131931.	4.2	7
5	Antibacterial activities of plant-derived xanthenes. <i>RSC Medicinal Chemistry</i> , 2022, 13, 107-116.	1.7	12
6	Advances in Chicken IgY-Based Immunoassays for the Detection of Chemical and Biological Hazards in Food Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 976-991.	2.4	10
7	Preparation of Ractopamine Single-Chain Variable Fragment and Development of icELISA Based on Immunomagnetic Beads. <i>ACS Food Science & Technology</i> , 2022, 2, 521-531.	1.3	2
8	Host-acting antibacterial compounds combat cytosolic bacteria. <i>Trends in Microbiology</i> , 2022, 30, 761-777.	3.5	12
9	The Natural Product Curcumin as an Antibacterial Agent: Current Achievements and Problems. <i>Antioxidants</i> , 2022, 11, 459.	2.2	55
10	Development of Fluorescence Polarization Immunoassay With scFv to Detect Fumonisin Bs in Maize and Simultaneous Study of Their Molecular Recognition Mechanism. <i>Frontiers in Chemistry</i> , 2022, 10, 829038.	1.8	2
11	Distinct increase in antimicrobial resistance genes among <i>Escherichia coli</i> during 50 years of antimicrobial use in livestock production in China. <i>Nature Food</i> , 2022, 3, 197-205.	6.2	34
12	Monoclonal Antibody Discovery Based on Precise Selection of Single Transgenic Hybridomas with an On-Cell-Surface and Antigen-Specific Anchor. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 17128-17141.	4.0	4
13	Collateral sensitivity to pleuromutilins in vancomycin-resistant <i>Enterococcus faecium</i> . <i>Nature Communications</i> , 2022, 13, 1888.	5.8	12
14	“Three-To-One”™ multi-functional nanocomposite-based lateral flow immunoassay for label-free and dual-readout detection of pathogenic bacteria. <i>Biosensors and Bioelectronics</i> , 2022, 204, 114093.	5.3	53
15	Colistin-induced pulmonary toxicity involves the activation of NOX4/TGF- β 2/mTOR pathway and the inhibition of Akt/mTOR pathway. <i>Food and Chemical Toxicology</i> , 2022, 163, 112966.	1.8	6
16	Transmission of carbapenem resistance between human and animal NDM-positive <i>Escherichia coli</i> strains. <i>Engineering</i> , 2022, , .	3.2	3
17	A rare monoclonal antibody discovery based on indirect competitive screening of a single hapten-specific rabbit antibody secreting cell. <i>Analyst</i> , 2022, 147, 2942-2952.	1.7	2
18	Development of a Highly Sensitive and Specific ic-ELISA and Lateral Flow Immunoassay for Diacetoxyscirpenol. <i>Foods</i> , 2022, 11, 1548.	1.9	1

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19	Clonal and Horizontal Transmission of <i>bla</i> _{NDM} among <i>Klebsiella pneumoniae</i> in Children's Intensive Care Units. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	12
20	Magnetic assisted fluorescence immunoassay for sensitive chloramphenicol detection using carbon dots@CaCO ₃ nanocomposites. <i>Journal of Hazardous Materials</i> , 2021, 402, 123942.	6.5	41
21	High prevalence and persistence of carbapenem and colistin resistance in livestock farm environments in China. <i>Journal of Hazardous Materials</i> , 2021, 406, 124298.	6.5	35
22	Prevalence and risk analysis of mobile colistin resistance and extended-spectrum β -lactamase genes carriage in pet dogs and their owners: a population based cross-sectional study. <i>Emerging Microbes and Infections</i> , 2021, 10, 242-251.	3.0	16
23	Comparative analysis of genomic characteristics, fitness and virulence of MRSA ST398 and ST9 isolated from China and Germany. <i>Emerging Microbes and Infections</i> , 2021, 10, 1481-1494.	3.0	11
24	Engineering of Organic Solvent-Tolerant Antibody to Sulfonamides by CDR Grafting for Analytical Purposes. <i>Analytical Chemistry</i> , 2021, 93, 6008-6012.	3.2	7
25	A Marine Antibiotic Kills Multidrug-Resistant Bacteria without Detectable High-Level Resistance. <i>ACS Infectious Diseases</i> , 2021, 7, 884-893.	1.8	20
26	Efficient Killing of Multidrug-Resistant Internalized Bacteria by AIEgens In Vivo. <i>Advanced Science</i> , 2021, 8, 2001750.	5.6	49
27	Antibody engineering-driven controllable chemiluminescence resonance energy transfer for immunoassay with tunable dynamic range. <i>Analytica Chimica Acta</i> , 2021, 1152, 338231.	2.6	6
28	Novel Quadruplex PCR for detecting and genotyping mobile colistin resistance genes in human samples. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 101, 115419.	0.8	2
29	Plant Natural Flavonoids Against Multidrug Resistant Pathogens. <i>Advanced Science</i> , 2021, 8, e2100749.	5.6	148
30	Dietary Factors of <i>bla</i> _{NDM} Carriage in Health Community Population: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5959.	1.2	2
31	Mobile Oxazolidinone Resistance Genes in Gram-Positive and Gram-Negative Bacteria. <i>Clinical Microbiology Reviews</i> , 2021, 34, e0018820.	5.7	95
32	Inhibition of Oxidative Stress and ALOX12 and NF- κ B Pathways Contribute to the Protective Effect of Baicalein on Carbon Tetrachloride-Induced Acute Liver Injury. <i>Antioxidants</i> , 2021, 10, 976.	2.2	55
33	Rapid detection of human origin colistin-resistance genes <i>mcr-1</i> , <i>mcr-3</i> , <i>mcr-8</i> , <i>mcr-10</i> in clinical fecal samples. <i>Archives of Microbiology</i> , 2021, 203, 4405-4417.	1.0	9
34	Production of highly sensitive monoclonal antibody and development of lateral flow assays for phalloxin detection in urine. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4979-4987.	1.9	5
35	MCR Expression Conferring Varied Fitness Costs on Host Bacteria and Affecting Bacteria Virulence. <i>Antibiotics</i> , 2021, 10, 872.	1.5	12
36	Binding affinity-guided design of a highly sensitive noncompetitive immunoassay for small molecule detection. <i>Food Chemistry</i> , 2021, 351, 129270.	4.2	14

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37	Portable Magnetofluidic Device for Point-of-Need Detection of African Swine Fever. <i>Analytical Chemistry</i> , 2021, 93, 10940-10946.	3.2	13
38	Mobile Colistin Resistance Enzyme MCR-3 Facilitates Bacterial Evasion of Host Phagocytosis. <i>Advanced Science</i> , 2021, 8, e2101336.	5.6	11
39	Hydrophobic Moiety of Capsaicinoids Haptens Enhancing Antibody Performance in Immunoassay: Evidence from Computational Chemistry and Molecular Recognition. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9957-9967.	2.4	23
40	Toxicologic effect and transcriptome analysis for short-term orally dosed enrofloxacin combined with two veterinary antimicrobials on rat liver. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112398.	2.9	8
41	Synthesis and characterization of tracers and development of a fluorescence polarization immunoassay for amantadine with high sensitivity in chicken. <i>Journal of Food Science</i> , 2021, 86, 4754-4767.	1.5	5
42	Anti-Metatype Antibody Screening, Sandwich Immunoassay Development, and Structural Insights for β -Lactams Based on Penicillin Binding Protein. <i>Molecules</i> , 2021, 26, 5569.	1.7	2
43	Occurrence of pharmaceuticals and personal care products in bottled water and assessment of the associated risks. <i>Environment International</i> , 2021, 155, 106651.	4.8	29
44	Prevalence of <i>Salmonella</i> and Antimicrobial Resistance in Isolates from Food Animals in Six PLADs, China, 2019. <i>China CDC Weekly</i> , 2021, 3, 514-517.	1.0	2
45	Impact of carbapenem resistance on mortality in patients infected with <i>Enterobacteriaceae</i> : a systematic review and meta-analysis. <i>BMJ Open</i> , 2021, 11, e054971.	0.8	25
46	Toxins and mobile antimicrobial resistance genes in <i>Bacillus</i> probiotics constitute a potential risk for One Health. <i>Journal of Hazardous Materials</i> , 2020, 382, 121266.	6.5	40
47	Development of a validated direct injection-liquid chromatographic tandem mass spectrometric method under negative electrospray ionization for quantitation of nine microcystins and nodularin-R in lake water. <i>Journal of Chromatography A</i> , 2020, 1609, 460432.	1.8	4
48	Prevalence, etiology, and economic impact of clinical mastitis on large dairy farms in China. <i>Veterinary Microbiology</i> , 2020, 242, 108570.	0.8	34
49	Ratiometric fluorescent sensing system for drug residue analysis: Highly sensitive immunosensor using dual-emission quantum dots hybrid and compact smartphone based-device. <i>Analytica Chimica Acta</i> , 2020, 1102, 91-98.	2.6	26
50	Sublethal Levels of Antibiotics Promote Bacterial Persistence in Epithelial Cells. <i>Advanced Science</i> , 2020, 7, 1900840.	5.6	36
51	Metagenomic insights into differences in environmental resistome profiles between integrated and monoculture aquaculture farms in China. <i>Environment International</i> , 2020, 144, 106005.	4.8	40
52	Genomic epidemiology of animal-derived tigecycline-resistant <i>Escherichia coli</i> across China reveals recent endemic plasmid-encoded tet(X4) gene. <i>Communications Biology</i> , 2020, 3, 412.	2.0	36
53	Influence of Small Molecular Property on Antibody Response. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10944-10950.	2.4	17
54	Bisphenol A and Its Analogues in Chinese Total Diets: Contaminated Levels and Risk Assessment. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	17

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55	Active surveillance of the spread of mcr-1-positive E coli. <i>Lancet Microbe</i> , The, 2020, 1, e4-e5.	3.4	4
56	A broad-spectrum antibiotic adjuvant reverses multidrug-resistant Gram-negative pathogens. <i>Nature Microbiology</i> , 2020, 5, 1040-1050.	5.9	236
57	Nerve Growth Factor Confers Neuroprotection against Colistin-Induced Peripheral Neurotoxicity. <i>ACS Infectious Diseases</i> , 2020, 6, 1451-1459.	1.8	7
58	Association of florfenicol residues with the abundance of oxazolidinone resistance genes in livestock manures. <i>Journal of Hazardous Materials</i> , 2020, 399, 123059.	6.5	39
59	Changes in colistin resistance and mcr-1 abundance in <i>Escherichia coli</i> of animal and human origins following the ban of colistin-positive additives in China: an epidemiological comparative study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1161-1171.	4.6	212
60	Polymyxins&Curcumin Combination Antimicrobial Therapy: Safety Implications and Efficacy for Infection Treatment. <i>Antioxidants</i> , 2020, 9, 506.	2.2	26
61	Detection of the enterococcal oxazolidinone/phenicol resistance gene <i>optrA</i> in <i>Campylobacter coli</i> . <i>Veterinary Microbiology</i> , 2020, 246, 108731.	0.8	21
62	Epidemiology of mobile colistin resistance genes mcr-1 to mcr-9. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3087-3095.	1.3	163
63	Fitness Cost of blaNDM-5-Carrying p3R-IncX3 Plasmids in Wild-Type NDM-Free Enterobacteriaceae. <i>Microorganisms</i> , 2020, 8, 377.	1.6	40
64	Farm animals and aquaculture: significant reservoirs of mobile colistin resistance genes. <i>Environmental Microbiology</i> , 2020, 22, 2469-2484.	1.8	68
65	Programmable antibiotic delivery to combat methicillin-resistant <i>Staphylococcus aureus</i> through precision therapy. <i>Journal of Controlled Release</i> , 2020, 321, 710-717.	4.8	16
66	Emergence of a Plasmid-Encoded Resistance-Nodulation-Division Efflux Pump Conferring Resistance to Multiple Drugs, Including Tigecycline, in <i>Klebsiella pneumoniae</i> . <i>MBio</i> , 2020, 11, .	1.8	153
67	A public health concern: emergence of carbapenem-resistant <i>Klebsiella pneumoniae</i> in a public transportation environment. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2769-2772.	1.3	7
68	Hapten Design and Monoclonal Antibody to Fluoroacetamide, a Small and Highly Toxic Chemical. <i>Biomolecules</i> , 2020, 10, 986.	1.8	21
69	Proteomics study unveils ROS balance in acid-adapted <i>Salmonella Enteritidis</i> . <i>Food Microbiology</i> , 2020, 92, 103585.	2.1	13
70	Curcumin Attenuates Colistin-Induced Peripheral Neurotoxicity in Mice. <i>ACS Infectious Diseases</i> , 2020, 6, 715-724.	1.8	29
71	Identification of the novel tigecycline resistance gene <i>tet(X6)</i> and its variants in <i>Myroides</i> , <i>Acinetobacter</i> and <i>Proteus</i> of food animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1428-1431.	1.3	69
72	Emergence of the Phenicol Exporter Gene <i>fexA</i> in <i>Campylobacter coli</i> and <i>Campylobacter jejuni</i> of Animal Origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	11

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73	Identification of Functional Interactome of Colistin Resistance Protein MCR-1 in <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 583185.	1.5	5
74	Homogeneous fluorescent immunoassay for the simultaneous detection of chloramphenicol and amantadine via the duplex FRET between carbon dots and WS2 nanosheets. <i>Food Chemistry</i> , 2020, 327, 127107.	4.2	37
75	Design, synthesis and characterization of tracers and development of a fluorescence polarization immunoassay for the rapid detection of ractopamine in pork. <i>Food Chemistry</i> , 2019, 271, 9-17.	4.2	38
76	Production of a specific monoclonal antibody and a sensitive immunoassay for the detection of diphacinone in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6755-6765.	1.9	8
77	Inter-host Transmission of Carbapenemase-Producing <i>Escherichia coli</i> among Humans and Backyard Animals. <i>Environmental Health Perspectives</i> , 2019, 127, 107009.	2.8	85
78	Nonribosomal antibacterial peptides that target multidrug-resistant bacteria. <i>Natural Product Reports</i> , 2019, 36, 573-592.	5.2	103
79	Plasmid-mediated tigecycline-resistant gene <i>tet</i> (X4) in <i>Escherichia coli</i> from food-producing animals, China, 2008–2018. <i>Emerging Microbes and Infections</i> , 2019, 8, 1524-1527.	3.0	58
80	Novel Plasmid-Mediated <i>tet</i> (X5) Gene Conferring Resistance to Tigecycline, Eravacycline, and Omadacycline in a Clinical <i>Acinetobacter baumannii</i> Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .	1.4	124
81	T-2 toxin neurotoxicity: role of oxidative stress and mitochondrial dysfunction. <i>Archives of Toxicology</i> , 2019, 93, 3041-3056.	1.9	89
82	Deciphering the Role of V88L Substitution in NDM-24 metallo-β-lactamase. <i>Catalysts</i> , 2019, 9, 744.	1.6	10
83	Emergence of plasmid-mediated high-level tigecycline resistance genes in animals and humans. <i>Nature Microbiology</i> , 2019, 4, 1450-1456.	5.9	455
84	Integrated aquaculture contributes to the transfer of <i>mcr-1</i> between animals and humans via the aquaculture supply chain. <i>Environment International</i> , 2019, 130, 104708.	4.8	53
85	Fluorescence immunoassay based on the inner-filter effect of carbon dots for highly sensitive amantadine detection in foodstuffs. <i>Food Chemistry</i> , 2019, 294, 347-354.	4.2	57
86	Emerging <i>erm</i> (B)-Mediated Macrolide Resistance Associated with Novel Multidrug Resistance Genomic Islands in <i>Campylobacter</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	42
87	Presence of NDM in non- <i>E. coli</i> Enterobacteriaceae in the poultry production environment. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2209-2213.	1.3	28
88	Portable Multiplex Immunochromatographic Assay for Quantitation of Two Typical Algae Toxins Based on Dual-Color Fluorescence Microspheres. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6041-6047.	2.4	46
89	An Aggregation-Induced Emission-Based Indirect Competitive Immunoassay for Fluorescence “Turn-On” Detection of Drug Residues in Foodstuffs. <i>Frontiers in Chemistry</i> , 2019, 7, 228.	1.8	19
90	Association of colistin residues and manure treatment with the abundance of <i>mcr-1</i> gene in swine feedlots. <i>Environment International</i> , 2019, 127, 361-370.	4.8	48

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91	Comprehensive proteomic and metabolomic profiling of mcr-1-mediated colistin resistance in <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 795-804.	1.1	27
92	Class-Specific Monoclonal Antibodies and Dihydropteroate Synthase in Bioassays Used for the Detection of Sulfonamides: Structural Insights into Recognition Diversity. <i>Analytical Chemistry</i> , 2019, 91, 2392-2400.	3.2	36
93	Amino acid changes at the VIM-48 C-terminus result in increased carbapenem resistance, enzyme activity and protein stability. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 885-893.	1.3	7
94	Dihydropteroate synthase based sensor for screening multi-sulfonamides residue and its comparison with broad-specific antibody based immunoassay by molecular modeling analysis. <i>Analytica Chimica Acta</i> , 2019, 1050, 139-145.	2.6	30
95	Determination of emerging chlorinated byproducts of diazepam in drinking water. <i>Chemosphere</i> , 2019, 218, 223-231.	4.2	28
96	Nontargeted Detection Methods for Food Safety and Integrity. <i>Annual Review of Food Science and Technology</i> , 2019, 10, 429-455.	5.1	59
97	Molecular Mechanisms of Neurotoxicity Induced by Polymyxins and Chemoprevention. <i>ACS Chemical Neuroscience</i> , 2019, 10, 120-131.	1.7	45
98	Molecularly Imprinted Polymer as an Antibody Substitution in Pseudo-immunoassays for Chemical Contaminants in Food and Environmental Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 2561-2571.	2.4	52
99	Highly sensitive visual detection of amantadine residues in poultry at the ppb level: A colorimetric immunoassay based on a Fenton reaction and gold nanoparticles aggregation. <i>Analytica Chimica Acta</i> , 2018, 1027, 130-136.	2.6	30
100	Antimicrobial Resistance in <i>Campylobacter</i> spp. <i>Microbiology Spectrum</i> , 2018, 6, .	1.2	67
101	Metabolomic profiling of <i>Campylobacter jejuni</i> with resistance gene ermB by ultra-high performance liquid chromatography-quadrupole time-of-flight mass spectrometry and tandem quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1079, 62-68.	1.2	4
102	Identification of novel variants of the colistin resistance gene mcr-3 in <i>Aeromonas</i> spp. from the national resistance monitoring programme GERM-Vet and from diagnostic submissions. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1217-1221.	1.3	55
103	Universal simultaneous multiplex ELISA of small molecules in milk based on dual luciferases. <i>Analytica Chimica Acta</i> , 2018, 1001, 125-133.	2.6	42
104	Preparation of high affinity antibody for ribavirin with new haptens and residue analysis in chicken muscle, eggs and duck muscle. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 1247-1256.	1.1	11
105	Emergence of carbapenem-resistant hypervirulent <i>Klebsiella pneumoniae</i> . <i>Lancet Infectious Diseases</i> , The, 2018, 18, 25.	4.6	94
106	New Hapten Synthesis, Antibody Production, and Indirect Competitive Enzyme-Linked Immunosorbent Assay for Amantadine in Chicken Muscle. <i>Food Analytical Methods</i> , 2018, 11, 302-308.	1.3	32
107	Intracellular Accumulation of Linezolid and Florfenicol in OptrA-Producing <i>Enterococcus faecalis</i> and <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2018, 23, 3195.	1.7	15
108	Small Antimicrobial Resistance Plasmids in Livestock-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> CC398. <i>Frontiers in Microbiology</i> , 2018, 9, 2063.	1.5	30

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109	Generic Hapten Synthesis, Broad-Specificity Monoclonal Antibodies Preparation, and Ultrasensitive ELISA for Five Antibacterial Synergists in Chicken and Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11170-11179.	2.4	63
110	Reply to Cabello et al., "Aquaculture and Colistin Resistance Determinants". <i>MBio</i> , 2018, 9, .	1.8	12
111	Antimicrobial Resistance in <i>Campylobacter</i> spp., 2018, , 317-330.		2
112	Prevalence and Genetic Analysis of <i>mcr-3</i> -Positive <i>Aeromonas</i> Species from Humans, Retail Meat, and Environmental Water Samples. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	58
113	Emergence of a novel mobile colistin resistance gene, <i>mcr-8</i> , in NDM-producing <i>Klebsiella pneumoniae</i> . <i>Emerging Microbes and Infections</i> , 2018, 7, 1-9.	3.0	404
114	Heterogeneous and Flexible Transmission of <i>mcr-1</i> in Hospital-Associated <i>Escherichia coli</i> . <i>MBio</i> , 2018, 9, .	1.8	54
115	Anthropogenic and environmental factors associated with high incidence of <i>mcr-1</i> carriage in humans across China. <i>Nature Microbiology</i> , 2018, 3, 1054-1062.	5.9	139
116	Novel Variant of New Delhi Metallo- β -lactamase, NDM-20, in <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 248.	1.5	57
117	Antimicrobial Resistance among Staphylococci of Animal Origin. <i>Microbiology Spectrum</i> , 2018, 6, .	1.2	41
118	Proposal for assignment of allele numbers for mobile colistin resistance (<i>mcr</i>) genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2625-2630.	1.3	101
119	Highly sensitive SERS immunosensor for the detection of amantadine in chicken based on flower-like gold nanoparticles and magnetic bead separation. <i>Food and Chemical Toxicology</i> , 2018, 118, 589-594.	1.8	25
120	Insights into the Mechanistic Basis of Plasmid-Mediated Colistin Resistance from Crystal Structures of the Catalytic Domain of MCR-1. <i>Scientific Reports</i> , 2017, 7, 39392.	1.6	107
121	Prevalence, risk factors, outcomes, and molecular epidemiology of <i>mcr-1</i> -positive Enterobacteriaceae in patients and healthy adults from China: an epidemiological and clinical study. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 390-399.	4.6	298
122	Fluorescence Polarization Immunoassay Based on a New Monoclonal Antibody for the Detection of the Zearalenone Class of Mycotoxins in Maize. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2240-2247.	2.4	83
123	Plasmid-Mediated Novel <i>bla</i> _{NDM-17} Gene Encoding a Carbapenemase with Enhanced Activity in a Sequence Type 48 <i>Escherichia coli</i> Strain. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	67
124	Comprehensive resistome analysis reveals the prevalence of NDM and MCR-1 in Chinese poultry production. <i>Nature Microbiology</i> , 2017, 2, 16260.	5.9	347
125	Dissemination of <i>erm</i> (B) and its associated multidrug-resistance genomic islands in <i>Campylobacter</i> from 2013 to 2015. <i>Veterinary Microbiology</i> , 2017, 204, 20-24.	0.8	12
126	MCR-1-producing <i>Klebsiella pneumoniae</i> outbreak in China. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 577.	4.6	45

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127	An Enzyme-Linked Immunosorbent Assay to Detect Salinomycin Residues Based on Immunomagnetic Bead Clean-up. <i>Food Analytical Methods</i> , 2017, 10, 3042-3051.	1.3	10
128	Comprehensive Analysis of Tiamulin Metabolites in Various Species of Farm Animals Using Ultra-High-Performance Liquid Chromatography Coupled to Quadrupole/Time-of-Flight. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 199-207.	2.4	22
129	Multiplex Lateral Flow Immunoassays Based on Amorphous Carbon Nanoparticles for Detecting Three <i>Fusarium</i> Mycotoxins in Maize. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8063-8071.	2.4	114
130	Chromosome-Mediated <i>mcr-3</i> Variants in <i>Aeromonas veronii</i> from Chicken Meat. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	70
131	Design of Multifunctional Nanostructure for Ultrafast Extraction and Purification of Aflatoxins in Foodstuffs. <i>Analytical Chemistry</i> , 2017, 89, 10556-10564.	3.2	26
132	Balancing <i>mcr-1</i> expression and bacterial survival is a delicate equilibrium between essential cellular defence mechanisms. <i>Nature Communications</i> , 2017, 8, 2054.	5.8	157
133	Novel Plasmid-Mediated Colistin Resistance Gene <i>mcr-3</i> in <i>Escherichia coli</i> . <i>MBio</i> , 2017, 8, .	1.8	388
134	Complete sequence of a plasmid from a bovine methicillin-resistant <i>Staphylococcus aureus</i> harbouring a novel <i>ica</i> -like gene cluster in addition to antimicrobial and heavy metal resistance genes. <i>Veterinary Microbiology</i> , 2017, 200, 95-100.	0.8	37
135	Integrated Genomic and Proteomic Analyses of High-level Chloramphenicol Resistance in <i>Campylobacter jejuni</i> . <i>Scientific Reports</i> , 2017, 7, 16973.	1.6	12
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